

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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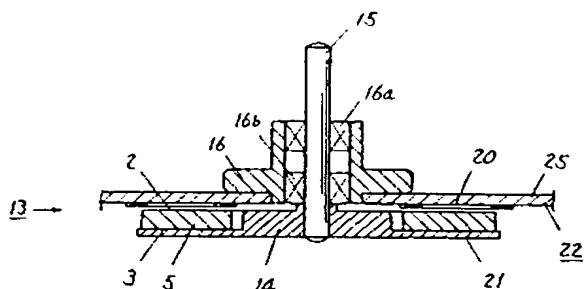
APPLICATION DATE : 25-01-88  
APPLICATION NUMBER : 63013820

APPLICANT : MATSUSHITA ELECTRIC IND CO LTD;

INVENTOR : YOSHIKAWA MASANORI;

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TITLE : MOTOR



ABSTRACT : PURPOSE: To realize an ultrathin type motor by forming a stator by providing a superconducting material stator winding on a circuit board and by causing said stator to face a discoidal rotor.

CONSTITUTION: A specified number of poles are magnetized on the first flat part 2 of an annular or discoidal permanent magnet 5, and the second flat part 3 is fitted with a back yoke 14 made of magnetic material to make a flat rotor 21. Also, a stator winding 20 of superconducting material is provided on a circuit board 25 to make a flat stator 22. Then, said stator 22 and rotor 21 are caused to face each other and a motor shaft 15 is journaled by a bearing member 16 to make a motor 13. In this manner, a stator winding is not required to be wound several times so that the whole motor 13 can be formed into an ultrathin type.

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